



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/057,531  
Applicant : LYON et al  
Filed : January 25, 2002  
Art Unit : 1645  
Examiner : P. Baskar

Docket No. : 38644-197974  
Customer No. : 26694

Commissioner for Patents  
Mail stop: Non-fee amendments  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action issued May 4, 2004, Applicants submit the following  
Amendment and Reply. The Application is amended as follows:

Amendments to the specification begin on page 2

Listing of the claims begins on page 3.

Remarks begin on page 9.

It is not believed that any fees are due. Please charge any fees that may be required, and  
credit any refunds to deposit account no. 210-380 (referencing docket no. WRAIR 01-20 (38644-  
197974)).

expression vectors containing DNA encoding proteins that are induced by IPTG at various temperatures in the presence of fungicides, antibiotics and purifying proteins from *E. coli* containing pET vectors using Ni-NTA column to remove endotoxin, etc.

As noted above, claim 9 has been amended to recite applicant's preferred embodiment of MSP-1<sub>42</sub> protein from *P. falciparum* 3D7. This protein is not disclosed or suggested in either Kumar or Aubusel. Reconsideration and withdrawal of the rejection is respectfully requested.

Applicants appreciate the Examiner's indication that Claims 4-8 are free of the prior art. Claim 4 has been cancelled and claim 3 has been rewritten to include the limitations thereof. In view of the deposit of biological material, it is believed that claims 3, and 5-8 are in condition for allowance.

All objections and rejections having been addressed, it is respectfully submitted that the application is in condition for allowance, and Notice to that effect is respectfully requested. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is hereby invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: 8/4/04

C. S. Hobbs

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